CRF Problem Report

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):

Application Serial Number: 10 5 1 6,3 6 1

Filing Date: 11-30-2004

Date Processed by STIC: 12-10-04

STIC Contact: Mark Spencer: Telephone: 571-272-2510; Fax: 571-273-0221

Nature of Problem:

The CRF (was):

_____ (circle one) Damaged or Unreadable (for Unreadable, see attached)

_____ Blank (no files on CRF) (see attached)

_____ Empty file (filename present, but no bytes in file) (see attached)

_____ Virus-infected. Virus name: _____ The STIC will not process the CRF

_____ Not saved in ASCII text

_____ Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should only be the Sequence Listing.

✓ Did not contain a Sequence Listing. (see attached sample)

_____ Other.

PLEASE USE THE CHECKER VERSION 4.2 PROGRAM TO REDUCE ERRORS.
SEE BELOW FOR ADDRESS:

http:/www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04): U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/19/04

SEQUENCE LISTING

1). GENERAL INFORMATION

i). NUMBER OF SEQUENCES :31

2) INFORMATION FOR   SEQ ID No.:1

i).SEQUENCE CHARACTERISTICS:

(A) LENGTH : 20 nucleotides

(A)   TYPE : nucleic acid

(B)   STANDARDNESS : single standard

(C)   TOPOLOGY : linear

ii). MOLECULE TYPE : nucleic acid

iii). HYPOTHETICAL : yes

iv). ANTI-SENCE : no

(See sample Sequence Listing)
ON Next page

(SAmple Sequence Listing)

```
<110>        Smith, John;  Smithgene Inc.

<120>        Example of a Sequence Listing

<130>        01-00001

<140>        PCT/EP98/00001
<141>        1998-12-31

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<151>        1997-10-15

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<170>        PatentIn version 2.0

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<212>        DNA
<213>        Paramecium sp.

<220>
<221>        CDS
<222>        (279)...(389)

<300>
<301>        Doe, Richard
<302>        Isolation and Characterization of a Gene Encoding a
             Protease from Paramecium sp.
<303>        Journal of Genes
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tgatgtggca   attgctggca   gtgccacagg   cttttcagcc   aggcttaggg   tgggttccgc     180

cgcggcgcgg   cggcccctct   cgcgctcctc   tcgcgcctct   ctctcgctct   cctctcgctc     240
```

| ggacctgatt | aggtgagcag | gaggagggggg | cagttagc | atg
Met
1 | gtt
Val | tca
Ser | atg
Met | ttc
Phe
5 | agc
Ser | 296 |

| ttg
Leu | tct
Ser | ttc
Phe | aaa
Lys
10 | tgg
Trp | cct
Pro | gga
Gly | ttt
Phe | tgt
Cys
15 | ttg
Leu | ttt
Phe | gtt
Val | tgt
Cys | ttg
Leu
20 | ttc
Phe | caa
Gln | 344 |

| tgt
Cys | ccc
Pro | aaa
Lys
25 | gtc
Val | ctc
Leu | ccc
Pro | tgt
Cys | cac
His
30 | tca
Ser | tca
Ser | ctg
Leu | cag
Gln | ccg
Pro
35 | aat
Asn | ctt
Leu | | 389 |

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<213>   Paramecium sp.

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10 | Trp | Pro | Gly | Phe | Cys
15 | Leu |

| Phe | Val | Cys
20 | Leu | Phe | Gln | Cys | Pro | Lys
25 | Val | Leu | Pro | Cys | His
30 | Ser | Ser |

| Leu | Gln | Pro
35 | Asn | Leu |

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<213>   Artificial Sequence

<220>
<223>   Designed peptide based on size and polarity to act as a
         linker between the alpha and beta chains of Protein XYZ.

<400>   3

| Met
1 | Val | Asn | Leu | Glu
5 | Pro | Met | His | Thr | Glu
10 | Ile |

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000